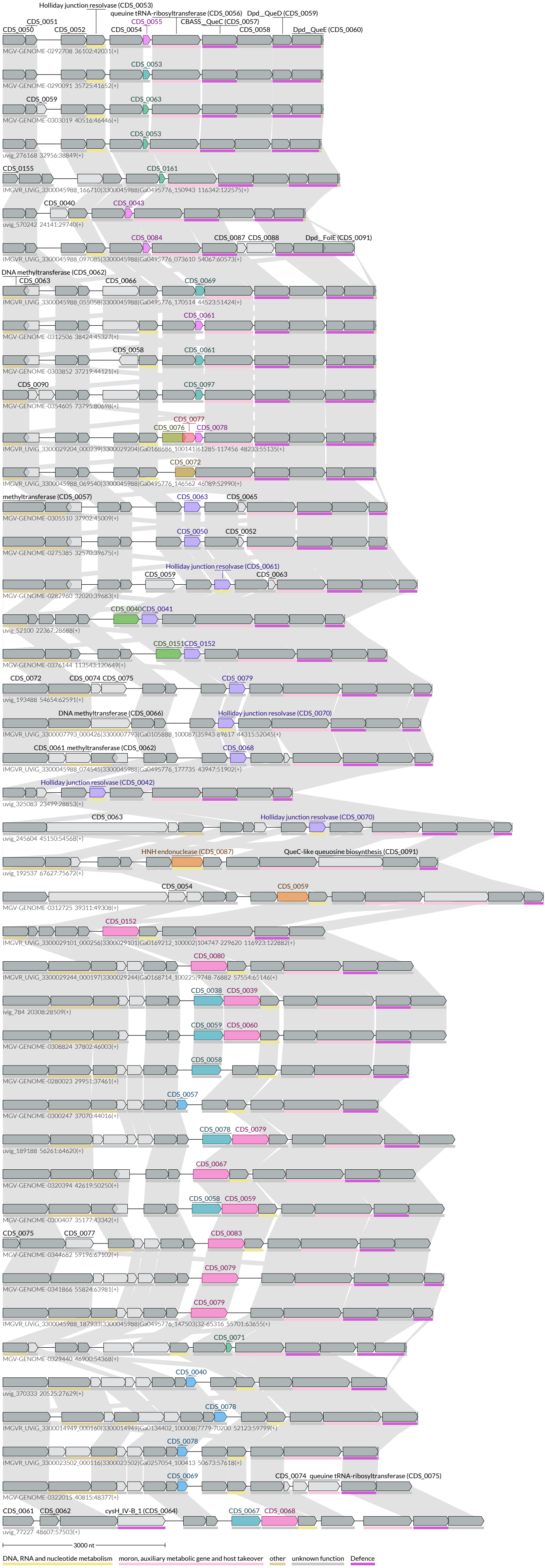
Holliday junction resolvase (CDS_0053)
queuine tRNA-ribosyltransferase (CDS_0056)
Dpd__QueD (CDS_0059)
CDS_0051
CDS_0055
CBASS__QueC (CDS_0057)
CDS_0050
CDS_0052
CDS_0054
CDS_0058
Dpd__QueE (CDS_0060)
MGV-GENOME-0292708 36102:42031(+)
CDS_0053
MGV-GENOME-0290091 35725:41652(+)
CDS_0059
CDS_0063
MGV-GENOME-0303019 40516:46446(+)
CDS_0053
uvig_276168 32956:38849(+)
CDS_0155
CDS_0161
IMGVR_UViG_3300045988_166710|3300045988|Ga0495776_150943 116342:122575(+)
CDS_0040
CDS_0043
uvig_570242 24141:29740(+)
CDS_0084
CDS_0087 CDS_0088
Dpd__FolE (CDS_0091)
IMGVR_UViG_3300045988_097085|3300045988|Ga0495776_073610 54067:60573(+)
DNA methyltransferase (CDS_0062)
CDS_0063
CDS_0066
CDS_0069
IMGVR_UViG_3300045988_055058|3300045988|Ga0495776_170514 44523:51424(+)
CDS_0061
MGV-GENOME-0312506 38424:45327(+)
CDS_0058
CDS_0061
MGV-GENOME-0303852 37219:44121(+)
CDS_0090
CDS_0097
MGV-GENOME-0354605 73795:80698(+)
CDS_0077
CDS_0076
CDS_0078
IMGVR_UViG_3300029204_000239|3300029204|Ga0168686_100141|61285-117456 48233:55135(+)
CDS_0072
IMGVR_UViG_3300045988_069540|3300045988|Ga0495776_146562 46089:52990(+)
methyltransferase (CDS_0057)
CDS_0063
CDS_0065
MGV-GENOME-0305510 37902:45009(+)
CDS_0050
CDS_0052
MGV-GENOME-0275385 32570:39675(+)
Holliday junction resolvase (CDS_0061)
CDS_0059
CDS_0063
MGV-GENOME-0282960 32020:39683(+)
CDS_0040CDS_0041
uvig_52100 22367:28688(+)
CDS_0151CDS_0152
MGV-GENOME-0376144 113543:120649(+)
CDS_0072
CDS_0074 CDS_0075
CDS_0079
uvig_193488 54654:62591(+)
DNA methyltransferase (CDS_0066)
Holliday junction resolvase (CDS_0070)
IMGVR_UViG_3300007793_000426|3300007793|Ga0105888_100087|35943-89617 44315:52045(+)
CDS_0061 methyltransferase (CDS_0062)
CDS_0068
IMGVR_UViG_3300045988_074545|3300045988|Ga0495776_177735 43947:51902(+)
Holliday junction resolvase (CDS_0042)
uvig_325083 23499:28853(+)
CDS_0063
Holliday junction resolvase (CDS_0070)
uvig_245604 45150:54568(+)
HNH endonuclease (CDS_0087)
QueC-like queuosine biosynthesis (CDS_0091)
uvig_192537 67627:75672(+)
CDS_0054
CDS_0059
MGV-GENOME-0312725 39311:49308(+)
CDS_0152
IMGVR_UViG_3300029101_000256|3300029101|Ga0169212_100002|104747-229620 116923:122882(+)
CDS_0080
IMGVR_UViG_3300029244_000197|3300029244|Ga0168714_100225|9748-76882 57554:65146(+)
CDS_0038 CDS_0039
ivig_784 20308:28509(+)
CDS_0059 CDS_0060
MGV-GENOME-0308824 37802:46003(+)
CDS_0058
MGV-GENOME-0280023 29951:37461(+)
CDS_0057
MGV-GENOME-0300247 37070:44016(+)
CDS_0078 CDS_0079
uvig_189188 56261:64620(+)
CDS_0067
MGV-GENOME-0320394 42619:50250(+)
CDS_0058 CDS_0059
MGV-GENOME-0300407 35177:43342(+)
CDS_0075
CDS_0077
CDS_0083
MGV-GENOME-0344682 59196:67102(+)
CDS_0079
MGV-GENOME-0341866 55824:63981(+)
CDS_0079
IMGVR_UViG_3300045988_187933|3300045988|Ga0495776_147503|32-65316 55701:63655(+)
CDS_0071
MGV-GENOME-0329440 46900:54368(+)
CDS_0040
uvig_370333 20525:27629(+)
CDS_0078
IMGVR_UViG_3300014949_000160|3300014949|Ga0134402_100008|7779-70200 52123:59799(+)
CDS_0078
IMGVR_UViG_3300023502_000116|3300023502|Ga0257054_100413 50673:57618(+)
CDS_0069
CDS_0074 queuine tRNA-ribosyltransferase (CDS_0075)
MGV-GENOME-0322015 40815:48377(+)
CDS_0061 CDS_0062
cysH_IV-B_1 (CDS_0064)
CDS_0067 CDS_0068
uvig_77227 48607:57503(+)
3000 nt
DNA, RNA and nucleotide metabolism
moron, auxiliary metabolic gene and host takeover
other
unknown function
Defence